




Electronic Information Disclosure Statement

Generation of Viable Cell Active Biomaterial Patterns by Laser Transfer

Application: 
10/068315
Confirmation: 8845
Applicant(s): Bradley Ringeisen
Docket Number: 83,665
Group Art Unit:
Examiner:
search string: (5582752).pn.

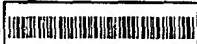
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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
EP	P01	5582752	1996-12-10		Zair		


Signature

Examiner Name	Date
	9/2/03



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init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
EE	P01	6040139	2000-03-21		Bova		
EE	P02	6165170	2000-12-26		Wynne		


Remarks

(Remarks are not for responding to an office action.)

Prepared by: Joseph T. Grunkemeyer Reg. No. 46,746 Phone: (202) 404-1556

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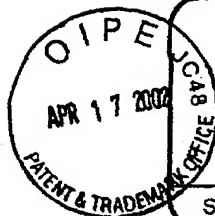
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	3
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Complete if Known

Application Number	10/068,315
Filing Date	February 08, 2002
First Named Inventor	Ringeisen
Group Art Unit	1734
Examiner Name	unknown
Attorney Docket Number	NC 83.665

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
29	A	3,745,586		Braudy	07/10/1973	
	B	3,978,247		Braudy et al.	08/31/1976	
	C	4,064,205		Landsman	12/20/1977	
	D	4,245,003		Oransky et al.	01/13/1981	
	E	4,702,958		Itoh et al.	10/27/1987	
	F	4,752,455		Mayer	06/21/1998	
	G	4,895,735		Cook	01/23/1990	
	H	4,970,196		Kim et al.	11/13/1990	
	T	4,987,006		Williams et al.	01/22/1991	
	I	5,156,938		Foley et al.	10/20/1992	
	K	5,171,650		Ellis et al.	12/15/1992	
	L	5,173,441		Yu et al.	12/22/1992	
	M	5,256,506		Ellis et al.	10/26/1993	
	N	5,292,559		Joyce, Jr. et al.	03/08/1994	
	O	5,492,861		Opower	02/20/1996	
	P	5,567,336		Tatah	10/22/1996	
	Q	5,725,706		Thoma et al.	03/10/1998	
	R	5,725,914		Opower	03/10/1998	
	S	5,736,464		Opower	04/07/1998	
29	T	6,025,036		McGill et al.	02/15/2000	

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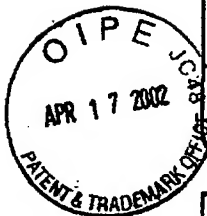
¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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Substitute for form 1449B/PTO

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Complete If Known

Application Number	10/068,315
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First Named Inventor	Ringeisen
Group Art Unit	1734
Examiner Name	unknown
Attorney Docket Number	83,665

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
EF	Y	Tolbert et al, "Laser Ablation Transfer Imaging Using Picosecond Optical Pulses: Ultra-High Speed, Lower Threshold and High Resolution" Journal of Imaging Science and Technology, Vol. 37 No. 5 Sept/Oct. 1993 pp. 485-489	
	Z	Adrian et al, "A Study of the Mechanism of Metal Deposition by the Laser-Induced Forward Transfer Process" J. Vac. Sci. Technol. B5 (5), Sept/Oct. 1987 pp. 1490-1494	
	AA	Bohandy et al, "Metal Deposition from a Supported Metal Film Using an Excimer Laser, J. Appl. Phys. 60 (4) 15 August 1986 pp. 1538-1539	
	BB	von Gutfeld, R., Enhancing Ribbon Transfer Using Laser Printing, IBM Technical Disclosure Bulletin, Vol. 17, No. 6, Nov., 1974	
	CC	McGill, et al., "Choosing Polymer Coatings for Chemical Sensors", CHEMTECH Journal, American Chemical Society, Vol. 24, No. 9, Sept. 1994 pp. 27-37	
	DD	Ringeisen et al, "Generation of Mesoscopic Patterns of Viable Escherichia Coli by Ambient Laser Transfer", Biomaterials, Vol 23, 2002 pp. 161-166	
	EE	Wu et al, "The Deposition, Structure, Pattern Deposition, and Activity of Biomaterial Thin-Films by Matrix-Assisted Pulsed-Laser Evaporation (MAPLE) and MAPLE Direct Write", Thin Solid Films, Vol. 398-399, 2002 pp. 607-614	
	FF	Chrisey et al, "Matrix Assisted Pulsed Laser Evaporation Direct Write", Divisional Application, 09/671,166, Filed Sept. 28, 2000, pp. 1-12	
	GG	Ringeisen et al, "Generation of Viable Cell and Active Biomaterial Patterns By Laser Transfer", Provisional Application, 60/269,384 Filed Feb. 20, 2001, pp. 1-54	
	HH	Ringeisen et al, "Generation of Biomaterial Microarrays By Laser Transfer", Non-Provisional Application, 10/068,364 Filed Feb. 08, 2002 pp.1-34	
II		Meneghini et al, "Transfer Printing Medium", PCT International Application, PCT/US94/11345, Filed Oct. 06, 1994, pp. 1-22	

Examiner Signature	<i>E. L. H.</i>	Date Considered	9/23/03
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Name	unknown
Attorney Docket Number	83.665

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Sheet	4	of	4
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